

Title (en)

PROTECTED HIGH-THROUGHPUT CONTROL SUBFIELD

Title (de)

GESCHÜTZTES STEUERUNGSTEILFELD MIT HOHEM DURCHSATZ

Title (fr)

SOUS-CHAMP DE COMMANDE À HAUT DÉBIT PROTÉGÉ

Publication

EP 3989523 B1 20240313 (EN)

Application

EP 21203932 A 20211021

Priority

- US 202063104883 P 20201023
- US 202117504610 A 20211019

Abstract (en)

[origin: EP3989523A1] During operation, an electronic device may encrypt an A-control subfield. Then, the electronic device may provide the frame addressed to a second electronic device, where the frame includes a media access control (MAC) header and the MAC header includes the A-control subfield that is encrypted. Note that the encrypted A-control subfield may be jointly encrypted with data in a payload in the frame. Moreover, the encrypted A-control subfield may be separated from the payload in the frame by one or more additional subfields or may be adjacent to the payload in the frame. Furthermore, the MAC header may include an indicator that indicates whether the A-control subfield is encrypted. Additionally, the frame may include a preamble that indicates whether the A-control subfield is encrypted. The frame may be received by the second electronic device. After receiving the frame, the second electronic device may decrypt the A-control subfield.

IPC 8 full level

H04L 69/22 (2022.01); **H04L 9/40** (2022.01); **H04L 69/324** (2022.01); **H04W 12/037** (2021.01); **H04W 80/02** (2009.01)

CPC (source: CN EP US)

H04L 63/0428 (2013.01 - EP); **H04L 69/06** (2013.01 - CN); **H04L 69/22** (2013.01 - EP); **H04L 69/324** (2013.01 - EP); **H04W 12/02** (2013.01 - US); **H04W 12/037** (2021.01 - EP US); **H04W 12/06** (2013.01 - US); **H04W 12/106** (2021.01 - CN); **H04W 84/12** (2013.01 - CN); **H04W 80/02** (2013.01 - EP); **H04W 84/12** (2013.01 - US)

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